BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at Mariyannapalya in Ward No.06, Byatarayanapura Sub Division

							Estimate Cost Rs.		500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M300-53: construction of **embankment** with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No. 156/ Item No. 19.60/ PWD SR 2011-12	**Cum**							
	Main Road near Vinod's House		1	130.00	4.00	0.20	104.00		
			1	34.00	5.50	0.20	37.40		
			1	60.00	5.00	0.20	60.00		
							201.40	146.88	**29582.00**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							
2	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 166/ Item No. 20.18/ PWD SR 2011-12	Cum							
	Main Road near Vinod's House		1	130.00	4.00	0.15	78.00		
			1	34.00	5.50	0.15	28.05		
			1	60.00	5.00	0.15	45.00		
							151.05	1060.56	**160198.00**
	Basic Rate	982.00							
	Area Weightage @ 8%	78.56							
	Total	**1060.56**							
3	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5, No. 171/ Item No. 21.4.2/ PWD SR 2011-12 Medium Porosity	**Sqm**							
	Main Road near Vinod's House		1	130.00	4.00		520.00		
			1	34.00	5.50		187.00		
			1	60.00	5.00		300.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							1007.00	83.34	83927.00
	Basic Rate	77.17							
	Area Weightage @ 8%	6.17							
	Total	83.34							
4	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thikness with 5% Birumen80/100grade (gradingII) P.No. 174/ Item No. 21.20.1/ PWD SR 2011-12	Cum							
	Main Road near Vinod's House		1	130.00	4.00	0.025	13.00		
			1	34.00	5.50	0.025	4.68		
			1	60.00	5.00	0.025	7.50		
							25.18	8882.32	223612.00
	Basic Rate	8224.37							
	Area Weightage @ 8%	657.95							
	Total	8882.32							
5	Miscesallaneous Charges	L/S							2681.00
								Total	500000.00

Technical Sanction for Rs. 10.00 lakhs
Ten lakhs only.
P2434 - Special develop-ment works.
registered as EE No: 208/12-13
to conditions contained enclosed memo
No: 208/12-13 / 10/9/12 Dt.
AE/JE
EE (BTP. Div.)

(Rupees Five Lakhs Only)

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2011-12
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ-6
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 5 Lacs
Rupees Five lacks only
Under Special Development Works
Registered as EE ( ) No. 2012-13
Subject to conditions contained in
enclosed memo EE(Y) No. 435/2012-13
Dt. 29.08.2012 Estimate A/Sanctioned
No. 435/2012-13
dated 29.8.12 Rs. 5 Lacs

29/8/12
Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.